

Black Canyon Astronomical Society (BCAS)

Monthly Meeting Minutes

Thursday June 16, 2022

7:00 to 9:00 p.m. Hybrid Meeting

Minutes prepared by Sara Ungrodt- co-secretary

Note: **BCAS Business Topics:** Business was not covered in this video conference.

The meeting was a hybrid meeting held at the Centennial Room. Two members attended in-person as did Bryan and Sara.

President Bryan Cashion hosted the meeting. Phil Kelton was the featured speaker. There were 17 online logins and 25 total attendees.

Minutes Summary:

Meeting started 7:05 p.m.

Bryan opened the meeting welcoming members and guests.

Astronomy news -recent and planned BCAS outreach.

Outreach:

5/4/22 Cedaredge Middle School, Bryan and

Art. No scopes were used. Art & Bryan showed online, live images of the Sun, Joyce took photos and set up posters. 25 people.

5/27/22 Val, Laura, Art and Joyce at Ridgway Community Gardens, Dark Sky Community info. Used 12" Dob and 127 mm binoculars. 13 people.

6/4/22 Delta Confluence Park- Outdoor Heritage Days at Confluence park -island, Art and Bryan solar scope set ups- 132 participants.

Future Outreach:

6/21 BLCA EAA

6/25 County Line trailhead Surface Creek Valley Historical Society- Art, Joyce, Bryan and Eric will assist.

7/1 BLCA EAA

Program Presentation and Summary:

7:16 p.m.

Intro for Phil Kelton- Lives in Austin, TX., volunteer BLCA etc.

Phil presented a program that was inspired by viewing skies during COVID in a light polluted urban setting. He also had time to take inventory of his lenses and equipment.

He took images from his back yard and used various filters and various scopes to see how well he could see through light polluted skies.

Some filter samples: Oxygen-III, L-enhance and IDAS LP.

He also evaluated various scopes- Astronomics AT 72, Takahashi 100, Orion 102, SkyWatcher Pro 120 ED Vixen VMC-200, Vixen VMC-260, as well as three focal reducers (0.62x,0.85x,0.8x).

After comparing filters and scopes with the same images (we saw these on the screen) his conclusion was that the larger, with L-enhance filter was best. 10" Vixen good but heavy to haul around.

Single 25 second exposures work well.

He had many details about the combinations of filters and scopes for a specific setting.

See the downloaded link of his talk to gather those details. Link is several hundred megabytes.

Phil's presentation was very comprehensive in comparing scopes and filters with the same images.

Phil's talk ended at 8:30 p.m.

Questions:

Art asked about the O-III filter

Tim Garvey asked how modern DSLRs accommodate old 135 mm camera lens

Art commented on his Canon adaptors

Dee asked about Phil's mount

One of the attendees at the Centennial room left at 8:00. One remained until the end of the meeting and renewed his membership.

Bryan wrapped up the meeting, thanked Phil Kelton and all that attended. He shared that the next hybrid meeting is on **July 14.**

Bryan will be the speaker – topic Solar Activity and Observation.

Bryan adjourned the meeting at approximately 9:00pm.